

Kawasaki Vulcan 20000 Wheel Kit (VN20-WHLK)

Installation Instructions

WARNING: This installation requires lifting of the motorcycle. Serious injury can result from an improperly secured motorcycle. Ensure that the motorcycle is securely supported during this procedure.

Front Wheel Removal/Installation

1. Place the bike on a suitable lift or motorcycle jack.
2. Remove the (2) 12mm bolts on each front caliper and slide the calipers off the rotor and position out of the way.
3. Remove the front axle nut
4. Loosen the right and left fork/axle pinch bolts (6mm allen socket head)
5. Slide out axle and retain stock spacers.
6. Remove the stock brake rotors and install them on the new Britt wheel (use thread locker on the rotor bolts)
7. Position new Britt front wheel and slide in axle from the right side using the stock wheel spacers.
8. Tighten the fork/axle pinch bolts to 15 Ft.Lbs, and the axle nut to 79 Ft. Lbs.
9. Replace the brake calipers and stock bolts and tighten to 25 Ft. Lbs.
10. Be sure to pump up the brake lever before operation.

Rear Wheel Removal/Installation

1. Remove the stock belt guard ((2) 5mm Allen button-head bolts)
2. Remove the stock lower belt guard ((3) #2 Phillips head screws) and discard.
3. Remove the (2) rear caliper bolts (8mm Allen socket head bolts), remove caliper and place it out of the way.
4. Remove the cotter pin from the axle crown nut, and remove the crown nut.
5. Loosen the axle adjusters on each side to make axle removal easier and pull belt off the

stock pulley.

6. Remove the rear axle and slide the rear wheel out.
7. Remove the stock rear brake rotor and install it on the new Britt wheel (use thread locker).
8. Position the new Britt rear wheel in the swing arm utilizing the stock spacers just as they came of the stock wheel and put the drive belt on the new Britt pulley.
9. Replace the axle from the left side, install crown nut, tighten to 79 Ft.Lbs. and replace cotter pin (use a new one if the stock one is damaged).
10. Replace the top belt guard and tighten the (2) button heads to 8 Ft. Lbs.
11. Adjust belt tension to factory specs.
12. Replace the rear brake caliper and tighten the bolts to 34 Ft.Lbs.
13. Pump the brake pedal several times before operation.

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